

Cluster Analysis of Private and Nonprofit Industries

	Marietta 2011		Marietta 2002	
	Count	% Share	Count	% Share
Total Jobs	57,010		59,519	
Agriculture, Forestry, Fishing and Hunting	16	0.03%	11	0.02%
Mining, Quarrying, and Oil and Gas Extraction	2	0.00%	1	0.00%
Utilities	64	0.11%	221	0.37%
Construction	4,260	7.47%	5,482	9.21%
Manufacturing	4,085	7.17%	4,855	8.16%
Wholesale Trade	4,286	7.52%	4,436	7.45%
Retail Trade	4,624	8.11%	5,218	8.77%
Transportation and Warehousing	2,644	4.64%	1,899	3.19%
Information	816	1.43%	1,578	2.65%
Finance and Insurance	1,725	3.03%	2,543	4.27%
Real Estate and Rental and Leasing	866	1.52%	1,027	1.73%
Professional, Scientific, and Technical Services	5,345	9.38%	3,890	6.54%
Management of Companies and Enterprises	818	1.43%	5,771	9.70%
Administration & Support, Waste Management and Educational Services	5,434	9.53%	6,482	10.89%
Health Care and Social Assistance	6,522	11.44%	4,369	7.34%
Arts, Entertainment, and Recreation	10,014	17.57%	6,339	10.65%
Accommodation and Food Services	165	0.29%	284	0.48%
Other Services (excluding Public Administration)	3,668	6.43%	3,645	6.12%
	1,656	2.90%	1,468	2.47%

Location Quotients in Relation to:	2011		
	MSA	Georgia	USA
Agriculture, Forestry, Fishing and Hunting	0.35	0.04	0.20
Mining, Quarrying, and Oil and Gas Extraction	0.07	0.03	0.01
Utilities	0.24	0.21	0.20
Construction	1.78	1.80	1.63
Manufacturing	1.04	0.72	0.74
Wholesale Trade	1.10	1.33	1.52
Retail Trade	0.69	0.66	0.63
Transportation and Warehousing	0.79	0.94	1.28
Information	0.36	0.48	0.52
Finance and Insurance	0.63	0.70	0.58
Real Estate and Rental and Leasing	0.80	0.96	0.90
Professional, Scientific, and Technical Services	1.12	1.45	1.34
Management of Companies and Enterprises	0.72	0.90	0.56
Administration & Support, Waste Management and Educational Services	1.11	1.25	1.15
Health Care and Social Assistance	1.19	1.08	3.83
Arts, Entertainment, and Recreation	1.57	1.35	1.10
Accommodation and Food Services	0.22	0.25	0.16
	0.70	0.67	0.63

Other Services (excluding Public Administration)	1.05	1.07	0.64
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Industry Categories in Relation to Other Geographies

Relative Growth	Atlanta MSA	Georgia	USA
Agriculture, Forestry, Fishing and Hunting	emerging	emerging	emerging
Mining, Quarrying, and Oil and Gas Extraction	emerging	emerging	emerging
Utilities	transforming	transforming	transforming
Construction	star	star	mature
Manufacturing	star	emerging	emerging
Wholesale Trade	star	mature	star
Retail Trade	transforming	transforming	transforming
Transportation and Warehousing	emerging	emerging	star
Information	transforming	transforming	transforming
Finance and Insurance	transforming	transforming	transforming
Real Estate and Rental and Leasing	transforming	transforming	transforming
Professional, Scientific, and Technical Services	star	star	star
Management of Companies and Enterprises	transforming	transforming	transforming
Administration & Support, Waste Management and Educational Services	mature	mature	mature
Health Care and Social Assistance	star	star	star
Arts, Entertainment, and Recreation	transforming	transforming	transforming
Accommodation and Food Services	transforming	transforming	transforming
Other Services (excluding Public Administration)	star	star	emerging

Absolute Growth	Atlanta MSA	Georgia	USA
Agriculture, Forestry, Fishing and Hunting	emerging	emerging	emerging
Mining, Quarrying, and Oil and Gas Extraction	emerging	emerging	emerging
Utilities	transforming	transforming	transforming
Construction	mature	mature	mature
Manufacturing	mature	transforming	transforming
Wholesale Trade	mature	mature	mature
Retail Trade	transforming	transforming	transforming
Transportation and Warehousing	emerging	emerging	star
Information	transforming	transforming	transforming
Finance and Insurance	transforming	transforming	transforming
Real Estate and Rental and Leasing	transforming	transforming	transforming
Professional, Scientific, and Technical Services	star	star	star
Management of Companies and Enterprises	transforming	transforming	transforming
Administration & Support, Waste Management and Educational Services	mature	mature	mature
Health Care and Social Assistance	star	star	star
Arts, Entertainment, and Recreation	transforming	transforming	transforming
Accommodation and Food Services	emerging	emerging	emerging
Other Services (excluding Public Administration)	star	star	emerging

LQ vs Change in LQ	Atlanta MSA	Georgia	USA
Agriculture, Forestry, Fishing and Hunting	emerging	emerging	emerging
Mining, Quarrying, and Oil and Gas Extraction	emerging	emerging	emerging
Utilities	transforming	transforming	transforming
Construction	star	star	star
Manufacturing	star	emerging	emerging
Wholesale Trade	star	star	star
Retail Trade	transforming	transforming	transforming
Transportation and Warehousing	emerging	emerging	star
Information	transforming	transforming	transforming
Finance and Insurance	transforming	transforming	transforming
Real Estate and Rental and Leasing	transforming	transforming	transforming
Professional, Scientific, and Technical Services	star	star	star
Management of Companies and Enterprises	transforming	transforming	transforming
Administration & Support, Waste Management and Educational Services	mature	mature	mature
Health Care and Social Assistance	star	star	star
Arts, Entertainment, and Recreation	transforming	transforming	transforming
Accommodation and Food Services	transforming	transforming	transforming
Other Services (excluding Public Administration)	star	star	emerging

Marietta, Atlanta MSA, and Georgia data is from the OnTheMap, a joint project by the Census and state labor Data regarding the United States as a whole has been gathered from the Census Bureau's payroll analysis and

Atlanta MSA 2011				Atlanta MSA 2002		Georgia 2011			
Change	% Change	Count	% Share	Count	% Share	Change	% Change	Count	
-2,509	-4.22%	2,148,244		2,069,301		78,943	3.81%	3,564,161	
5	45.45%	1,733	0.08%	4,026	0.19%	-2,293	-56.95%	22,239	
1	100.00%	1,022	0.05%	2,527	0.12%	-1,505	-59.56%	4,508	
-157	-71.04%	10,036	0.47%	11,411	0.55%	-1,375	-12.05%	19,324	
-1,222	-22.29%	89,947	4.19%	118,398	5.72%	-28,451	-24.03%	147,728	
-770	-15.86%	148,558	6.92%	186,139	9.00%	-37,581	-20.19%	356,577	
-150	-3.38%	146,551	6.82%	158,241	7.65%	-11,690	-7.39%	202,079	
-594	-11.38%	252,726	11.76%	252,533	12.20%	193	0.08%	439,502	
745	39.23%	126,496	5.89%	115,070	5.56%	11,426	9.93%	175,405	
-762	-48.29%	85,784	3.99%	108,304	5.23%	-22,520	-20.79%	105,571	
-818	-32.17%	103,425	4.81%	104,264	5.04%	-839	-0.80%	153,417	
-161	-15.68%	40,798	1.90%	40,985	1.98%	-187	-0.46%	56,223	
1,455	37.40%	180,437	8.40%	153,405	7.41%	27,032	17.62%	231,052	
-4,953	-85.83%	42,702	1.99%	60,019	2.90%	-17,317	-28.85%	57,069	
-1,048	-16.17%	184,913	8.61%	163,216	7.89%	21,697	13.29%	270,740	
2,153	49.28%	206,696	9.62%	155,528	7.52%	51,168	32.90%	378,022	
3,675	57.97%	240,352	11.19%	174,605	8.44%	65,747	37.65%	464,531	
-119	-41.90%	28,109	1.31%	23,479	1.13%	4,630	19.72%	41,541	
23	0.63%	198,403	9.24%	173,903	8.40%	24,500	14.09%	342,064	
188	12.81%	59,556	2.77%	63,248	3.06%	-3,692	-5.84%	96,569	

2002			2002 to 2011 LQ Change		
MSA	Georgia	USA	MSA	Georgia	USA
0.09	0.03	0.11	0.25	0.02	0.09
0.01	0.01	0.00	0.06	0.02	0.00
0.67	0.64	0.63	-0.43	-0.43	-0.44
1.61	1.68	1.62	0.17	0.12	0.02
0.91	0.59	0.63	0.13	0.12	0.11
0.97	1.25	1.41	0.13	0.07	0.11
0.72	0.71	0.65	-0.03	-0.05	-0.03
0.57	0.70	0.99	0.21	0.24	0.29
0.51	0.67	0.83	-0.15	-0.19	-0.31
0.85	1.01	0.74	-0.22	-0.31	-0.15
0.87	1.07	1.41	-0.07	-0.11	-0.51
0.88	1.09	1.03	0.23	0.35	0.31
3.34	4.22	3.68	-2.62	-3.32	-3.13
1.38	1.63	1.45	-0.27	-0.38	-0.30
0.98	0.82	3.01	0.21	0.26	0.82
1.26	1.04	0.79	0.31	0.31	0.31
0.42	0.47	0.29	-0.20	-0.23	-0.13
0.73	0.72	0.67	-0.03	-0.05	-0.04

0.81

0.83

0.50

0.24

0.24

0.13

Star: $LQ > 1$ and Growth in Marietta $>$ Growth in Reference Geography

Emerging: $LQ < 1$ and Growth in Marietta $>$ Growth in Reference Geography

Mature: $LQ > 1$ and Growth in Marietta $<$ Growth in Reference Geography

Transforming: $LQ < 1$ and Growth in Marietta $<$ Growth in Reference Geography

Star: $LQ > 1$ and Industry Added Jobs

Emerging: $LQ < 1$ and industry Added Jobs

Mature: $LQ > 1$ and Industry Lost Jobs

Transforming: $LQ < 1$ and Industry Lost Jobs

Star: $LQ > 1$ and $2011\ LQ > 2002\ LQ$

Emerging: $LQ < 1$ and $2011\ LQ > 2002\ LQ$

Mature: $LQ > 1$ and $2011\ LQ < 2002\ LQ$

Transforming: $LQ < 1$ and $2011\ LQ < 2002\ LQ$

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Georgia 2002					USA 2011		USA 2002	
% Share	Count	% Share	Change	% Change	Count	% Share	Count	
	3,476,889		87,272	2.51%	113,407,513		110,691,015	
0.62%	23,870	0.69%	-1,631	-6.83%	156,520	0.14%	181,162	
0.13%	7,188	0.21%	-2,680	-37.28%	651,204	0.57%	465,775	
0.54%	20,238	0.58%	-914	-4.52%	639,795	0.56%	648,254	
4.14%	190,711	5.49%	-42,983	-22.54%	5,190,921	4.58%	6,307,370	
10.00%	477,391	13.73%	-120,814	-25.31%	10,984,361	9.69%	14,393,609	
5.67%	206,768	5.95%	-4,689	-2.27%	5,626,328	4.96%	5,860,256	
12.33%	430,930	12.39%	8,572	1.99%	14,698,563	12.96%	14,819,904	
4.92%	157,557	4.53%	17,848	11.33%	4,106,359	3.62%	3,581,013	
2.96%	137,652	3.96%	-32,081	-23.31%	3,121,317	2.75%	3,536,120	
4.30%	147,102	4.23%	6,315	4.29%	5,886,602	5.19%	6,414,583	
1.58%	56,119	1.61%	104	0.19%	1,917,640	1.69%	1,351,973	
6.48%	208,073	5.98%	22,979	11.04%	7,929,910	6.99%	7,046,205	
1.60%	79,965	2.30%	-22,896	-28.63%	2,921,669	2.58%	2,913,798	
7.60%	232,299	6.68%	38,441	16.55%	9,389,950	8.28%	8,299,217	
10.61%	310,383	8.93%	67,639	21.79%	3,386,047	2.99%	2,701,675	
13.03%	355,206	10.22%	109,325	30.78%	18,059,112	15.92%	14,900,148	
1.17%	35,033	1.01%	6,508	18.58%	2,003,129	1.77%	1,800,991	
9.60%	297,454	8.56%	44,610	15.00%	11,556,285	10.19%	10,048,875	
2.71%	102,950	2.96%	-6,381	-6.20%	5,181,801	4.57%	5,420,087	

% Share	Change	% Change
	2,716,498	2.45%
0.16%	-24,642	-13.60%
0.42%	185,429	39.81%
0.59%	-8,459	-1.30%
5.70%	-1,116,449	-17.70%
13.00%	-3,409,248	-23.69%
5.29%	-233,928	-3.99%
13.39%	-121,341	-0.82%
3.24%	525,346	14.67%
3.19%	-414,803	-11.73%
5.80%	-527,981	-8.23%
1.22%	565,667	41.84%
6.37%	883,705	12.54%
2.63%	7,871	0.27%
7.50%	1,090,733	13.14%
2.44%	684,372	25.33%
13.46%	3,158,964	21.20%
1.63%	202,138	11.22%
9.08%	1,507,410	15.00%
4.90%	-238,286	-4.40%